

AMENDMENTS TO THE CLAIMS

Claims 1, 11, 16, 31-38, 40, 43-45 and 49 have been amended. Claim 19 has been cancelled. Claims 54 and 55 have been added.

All claims currently pending in this application are provided below in compliance with the revised amendment format waiving the requirements of 37 C.F.R. § 1.121.

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1. (Currently Amended): A universal presentation device comprising:
an electronic control device communicatively coupled with a computer system to provide
a control mechanism for the computer system; and
a coherent light source configured to provide a coherent light beam for pointing the
coherent light beam on an object,
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wherein the universal presentation device is configurable for simultaneously operating
the electronic control device and the coherent light source may be operated
simultaneously with each other, which and are dimensioned to form a
substantially unitary device when at least one of the electronic control device or
the coherent light source is operational.

1 2. (Original): The universal presentation device in claim 1, wherein the substantially
2 unitary device is dimensioned as a substantially elongated housing.

1 2. (Original): The universal presentation device in claim 2, wherein the coherent
2 light beam is dispensed from a substantially first side of the substantially elongated housing.

1 4. (Original): The universal presentation device in claim 2, wherein a control
2 mechanism of the electronic control device is mounted on substantially a first side of the
3 substantially elongated housing.

1 5. (Original): The universal presentation device in claim 1, wherein a control
2 mechanism of the electronic control device is mounted on a surface of a housing.

1 6. (Original): The universal presentation device in claim 5, wherein a control
2 mechanism of the electronic control device and a lens of the coherent light source is mounted on
3 substantially a first end of the housing.

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1 7. (Previously Amended): The universal presentation device in claim 5, wherein a
2 control mechanism of the electronic control device and a lens of the coherent light source are
3 mounted on substantially opposite ends of the housing.

1 8. (Original): The universal presentation device in claim 6, further comprising a
2 writing mechanism, the writing mechanism mounted in a substantially same side of the housing
3 as at least one of either the control mechanism or the lens.

1 9. (Original): The universal presentation device in claim 3, wherein a control
2 mechanism of the electronic control device is mounted on the substantially second side of the
3 substantially elongated housing.

1 10. (Original): The universal presentation device in claim 3, wherein a control
2 mechanism of the electronic control device is mounted on the substantially first side of the
3 substantially elongated housing.

1 11. (Currently Amended): The universal presentation device in claim 1, further
2 comprising a writing mechanism, wherein the writing mechanism couples with the electronic
3 control device and the coherent light source to form a substantially unitary device when at least
4 one from the group ~~comprising~~ consisting of the electronic control device, the coherent light
5 source, and the writing mechanism is operational.

1 12. (Original): The universal presentation device in claim 1, wherein the electronic
2 control device comprises a gyroscope system, the gyroscope system mounted within a housing.

1 13. (Original): The universal presentation device in claim 12, wherein the gyroscope
2 system includes a switch for making a selection on a display of the computer system.

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1 14. (Original): The universal presentation device in claim 12, further comprising a
writing mechanism, the writing mechanism and a lens of the coherent light source mounted in
3 substantially a same side of the housing.

1 15. (Previously Amended): The universal presentation device in claim 12, further
2 comprising a writing mechanism, the writing mechanism and a lens of the coherent light source
3 mounted at substantially opposite sides of the housing.

1 16. (Currently Amended): A modular universal presentation device comprising:
2 a first presentation module configured to provide a first presentation function, the first
3 presentation function including the use of an electrical circuit; and
4 a second presentation module configured to provide a second presentation function; and

5 a releasable locking assembly configured to releaseably couple the first presentation
6 module with the second presentation module wherein the first presentation
7 ~~module and the second presentation module are configured to couple together to~~
8 form a unitary article.

9 17. (Currently Amended): The modular universal presentation device in claim 16,
10 wherein the first presentation module includes one from the group consisting of comprising a
11 laser pointer element and a pointing device element.

12 18. (Currently Amended): The modular universal presentation device in claim 16,
13 wherein the second presentation module comprises ~~includes one from the group comprising a~~
14 writing instrument element.

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19. (Cancelled)

1 20. (Original): The universal presentation device of claim 1, further comprising a
2 radio-frequency transmitter configured to communicatively couple the electronic control device
3 with the computer system.

1 21. (Original): The universal presentation device of claim 1, further comprising a
2 radio-frequency receiver configured to communicatively couple the electronic control device
3 with the computer system.

1 22. (Original): The universal presentation device of claim 1, wherein the electronic
2 control device comprises an optical pointing device.

1 23. (Original): The universal presentation device of claim 1, wherein the electronic
2 control device operates as an optical pointing device in a first mode and as an electronic slide-
3 show controller in a second mode.

1 24. (Original): The universal presentation device of claim 23, further comprising a
2 switch configured to select at least one of the first mode and the second mode.

1 25. (Original): The universal presentation device of claim 23, further comprising a
2 power management unit configured to automatically switch between the first and second modes
3 responsive to user input to the electronic control device.

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1 26. (Original): The universal presentation device of claim 1, wherein the electronic
2 control device is dimensioned to fit a user hand during operation.

1 27. (Original): The universal presentation device of claim 26, further comprising a
2 switch coupled to the coherent light source and configured to activate the coherent light source
3 independently of the electronic control device.

1 28. (Original): The universal presentation device of claim 1, wherein the universal
2 presentation device communicatively couples with the computer system through a wireless
3 communication link.

1 29. (Previously Amended): The universal presentation device of claim 1, further
2 comprising a power management unit configured to turn off at least one of the electronic control
3 device and the coherent light source in response to a predetermined condition.

4 30. (Original): The universal presentation device of claim 29, wherein the
5 predetermined condition comprises user inactivity for a predetermined time period.

1 31. (Currently Amended): A universal presentation device comprising:
2 a radio-frequency communication unit configured to transmit or receive radio-frequency
3 signals between a host system ~~to communicatively~~ and the universal presentation
4 device;

5 a first presentation element ~~an optical pointing device controller~~ coupled to the radio-
6 frequency communication unit and configured to provide a first control signal to
7 the host system;

8 a second presentation element coupled to the radio-frequency communication unit and
9 configured to provide a second control signal to the host system;

10 a switch mechanism for selecting at least one of a first mode wherein the first
11 presentation element ~~optical pointing device controller~~ is active and a second
12 mode wherein the second presentation element is active; and

13 a coherent light source configured to provide a coherent light beam for pointing on an
14 object.

15 32. (Currently Amended): The universal presentation device of claim 54 31, further
16 comprising a power management unit configured to automatically switch between the first mode
17 and the second mode responsive to user input to the electronic control device.

18 33. (Currently Amended): The universal presentation device of claim 54 31, further
19 comprising a substantially elongated housing dimensioned to fit a hand of the user.

20 34. (Currently Amended): The universal presentation device of claim 33, wherein the
21 optical pointing device element controller, second presentation element and coherent light
22 source are each substantially located in a first portion of the substantially elongated housing.

23 35. (Currently Amended): The universal presentation device of claim 54 34, further
24 comprising at least one button coupled to the optical pointing device element controller and to
25 the second presentation element and configured to provide input to the optical mouse element
26 controller when the switching mechanism selects the first mode and configured to provide input
27 to the second presentation element when the switching mechanism selects the second mode.

28 36. (Currently Amended): The universal presentation device of claim 54 34, wherein
29 the second presentation element comprises an electronic presentation-controller configured to
30 provide a control input for a presentation application on the computer system.

31 37. (Currently Amended): The universal presentation device of claim 54 34, wherein
32 the host system comprises a computer.

33 38. (Currently Amended): A universal presentation device comprising:
34 a communication means for communicating with a host system;
35 an application control means for controlling the host system;
36 a coherent light source means for generating a coherent light beam to light at least a
37 portion of an object; and

38 a housing means for housing the communication means, the control mechanism means
39 and coherent light means;

40 wherein the universal presentation device is configurable for simultaneously operating
41 the coherent light source means and the application control means may be
42 operated simultaneously.

1 39. (Original): The universal presentation device of claim 38, wherein the
2 communication means comprises a radio-frequency transmitter.

1 40. (Currently Amended): The universal presentation device of claim 38, wherein the
2 application control means comprises a first presentation element pointing device.

D 1 41. (Original): The universal presentation device of claim 40, wherein the pointing
device comprises one from a group consisting of an optical mouse, a conventional mouse, a
C 3 trackball, and a touch-sensitive pad.

1 42. (Original): The universal presentation device of claim 40, wherein the pointing
2 device comprises a solid-state roller.

1 43. (Currently Amended): The universal presentation device of claim 55 40, wherein
2 the application control means further comprises a second presentation element.

3 44. (Currently Amended): The universal presentation device of claim 43, wherein the
4 application control means further comprises a switching mechanism configured to select between
5 a first mode for the pointing device element, and a second mode for the second presentation
6 element device.

7 45. (Currently Amended): The universal presentation device of claim 44, wherein the
8 application control means further comprises an input means for receiving a user input into the
9 second presentation element when the second mode is selected and into the pointing device
10 element when the first mode is selected.

1 46. (Original): The universal presentation device of claim 45, wherein the input
2 means comprises at least one shared button.

1 47. (Original): The universal presentation device of claim 38, wherein the coherent
2 light means comprises a laser diode and a lens.

3 48. (Original): The universal presentation device of claim 38, wherein the host system
4 comprises a computer system.

1 49. (Currently Amended): In a universal presentation device, a method comprising
2 the steps of:

3 communicating with a computer system;

4 receiving a user input via an electronic control device;

5 controlling the computer system in response to the user input;

6 providing a coherent light source for generating a coherent light beam to reflect off an
7 object; and

8 housing the electronic control device and the coherent light source in a unitary device;

9 and

10 configuring the universal presentation device for simultaneously wherein the steps of
11 controlling the computer system and providing the a coherent light source may be
12 performed simultaneously.

1 50. (Original): The method of claim 49, wherein the step of communicating with the
2 host system further comprises the step of transmitting data using a radio-frequency transmitter.

1 51. (Original): The method of claim 49, further comprising the step of selecting
2 between controlling the host system and providing the coherent light source.

1 52. (Original): The method of claim 49, further comprising the step of switching
2 between controlling the host system and providing the coherent light source.

D 53. (Original): The method of claim 49, wherein the host system comprises a
1 computer system.
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3 54. (New): The universal presentation device of claim 31, wherein the first presentation
4 element is an optical pointing device element.

5 55. (New): The universal presentation device of claim 40, wherein the first presentation
6 element comprises a pointing device element.

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